

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 12-2004)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

UCIVN-022US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

TBD **10/527678**

INTERNATIONAL APPLICATION NO.  
PCT/US2003/28829

INTERNATIONAL FILING DATE  
12 September 2003

PRIORITY DATE CLAIMED  
12 September 2002

**TITLE OF INVENTION**

**IMMUNOGENS AND CORRESPONDING ANTIBODIES SPECIFIC FOR HIGH MOLECULAR WEIGHT AGGREGATION  
INTERMEDIATES COMMON TO AMYLOIDS FORMED FROM PROTEINS OF DIFFERING SEQUENCE**

**APPLICANT(S) FOR DO/EO/US**

**THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EV330360283US**
23. ☒ Other items or information:

**Application Data Sheet**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

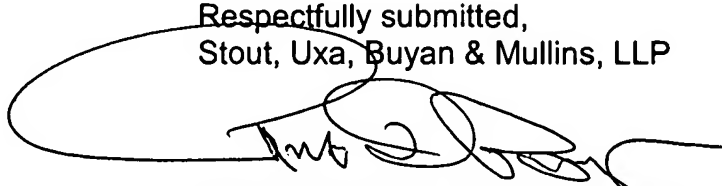
U.S. APPLICATION NO (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10D/527678		PCT/US2003/28829		UCIVN-022US	
24. The following fees are submitted:				Applicant use	Office use
<input checked="" type="checkbox"/> a) Basic national fee .....				\$300.00	
<input checked="" type="checkbox"/> b) Examination fee .....				\$200.00	
<input checked="" type="checkbox"/> c) Search fee .....				\$500.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
77 - 100 =	0 /50 =	0	x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	12 - 20 =	0	x \$50.00	\$0.00	
Independent claims	1 - 3 =	0	x \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1,000.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$500.00	
<b>SUBTOTAL =</b>				\$500.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$0.00	
<b>TOTAL NATIONAL FEE =</b>				\$500.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$500.00	
Amount to be refunded:				\$	
Amount to be charged:				\$	
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>\$500.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0878</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Robert D. Buyan			SIGNATURE		
Stout, Uxa, Buyan & Mullins, LLP			Robert D. Buyan		
4 Venture, Suite 300			NAME		
Irvine, CA 92618			32,460		
			REGISTRATION NUMBER		

**REMARKS**

By the foregoing preliminary amendment claims 1-180 have been cancelled, without prejudice, and new claims 181-193 have been added.

Respectfully submitted,  
Stout, Uxa, Buyan & Mullins, LLP

Date: March 7, 2005



Robert D. Buyan, Reg. No. 32,460

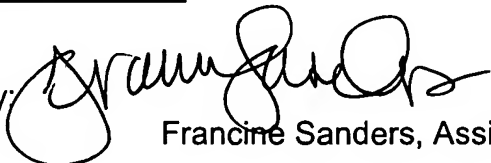
4 Venture, Suite 300  
Irvine, CA 92618  
Telephone: (949) 450-1750; Facsimile: (949) 450-1764  
email: rbuyan@patlawyers.com

**CERTIFICATE OF MAILING**

I hereby certify that the above-identified documents and papers, and a return postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on March 11, 2005 and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Mailing Label No. EV330360283US

Dated: March 11, 2005

By:   
Francine Sanders, Assistant

10/527678

DT08 Rec'd PCT/PTO '11 MAR 2005

Attorney Docket No. UCIVN-022US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
Rakez Kayed, et al.	)	Art Unit: To Be Determined
	)	
Serial No.: To Be Determined	)	Examiner: To Be Determined
	)	
Corresponding to:	)	
PCT/US2003/28829	)	
	)	
Filed: March 11, 2005, Herewith	)	
	)	
For: Immunogens and Corresponding	)	
Antibodies Specific for High	)	
Molecular Weight Aggregation	)	
Intermediates Common to Amyloids	)	
formed from Proteins of Differing	)	
Sequence	)	
	)	

**CERTIFICATE OF MAILING**

**(United States National Stage Application Based on PCT/US2003/28829)**

Express Mail Label No: EV330360283US

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the following documents as identified below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on March 11, 2005, addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

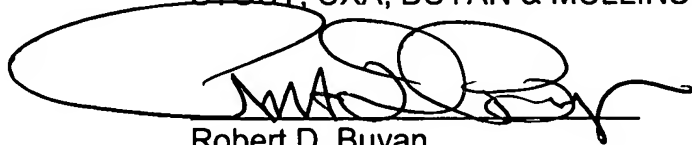
1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 USC 371;
2. Copy of International Application as Filed/Published under the PCT, (45 pages of written specification, 20 page of claim, 11 sheets of drawings (Figs. 1-11) and an abstract of 1 page);

3. A preliminary amendment;
4. Check No. 3716 in the amount of \$500.00 to cover national stage filing fees; and
5. A return postcard.

Each of the 5 above-identified documents are enclosed herewith.

Respectfully submitted,

STOUT, UXA, BUYAN & MULLINS, LLP

A handwritten signature in black ink, appearing to read 'Robert D. Buyan', is written over a horizontal line. The signature is stylized with loops and a long horizontal stroke extending to the right.

Robert D. Buyan  
Registration No. 32, 460

Date: March 11, 2005

4 Venture, Suite 300  
Irvine, CA 926182  
Telephone (949) 450-1750  
Fax: (949) 450-1764